



## DoD Numbers for Traumatic Brain Injury Worldwide – Totals

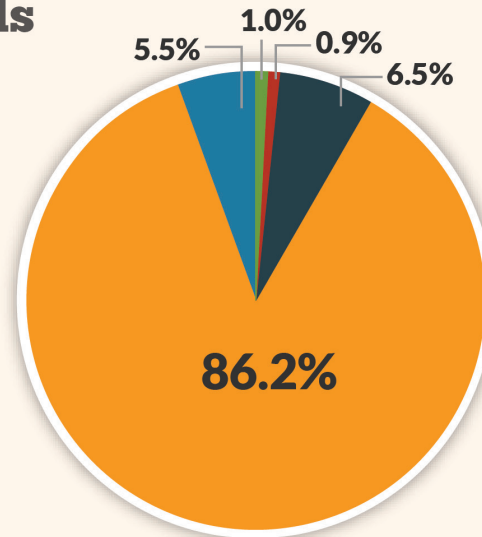
2010

Penetrating	301
Severe	252
Moderate	1,886
Mild	25,158
Not Classifiable	1,602

**Total - All Severities 29,199**

Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the  
Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)  
Percentages may not add up to 100% due to rounding



2010, as of May 7, 2014

Worldwide numbers represent medical diagnoses of TBI that occurred anywhere U.S. forces are located including the continental United States since 2000.

**Concussion/Mild TBI is characterized by the following:** A confused or disoriented state which lasts less than 24 hours; loss of consciousness for up to 30 minutes; memory loss lasting less than 24 hours; and structural brain imaging (MRI or CT scan) yielding normal results.

**Moderate TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 30 minutes, but less than 24 hours; memory loss lasting greater than 24 hours but less than seven days; and structural brain imaging yielding normal or abnormal results.

**Severe TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

**Penetrating TBI, or open head injury, is characterized by the following:** A head injury in which the dura mater, the outer layer of the meninges, is penetrated. Penetrating injuries can be caused by high-velocity projectiles or objects of lower velocity such as knives, or bone fragments from a skull fracture that are driven into the brain.

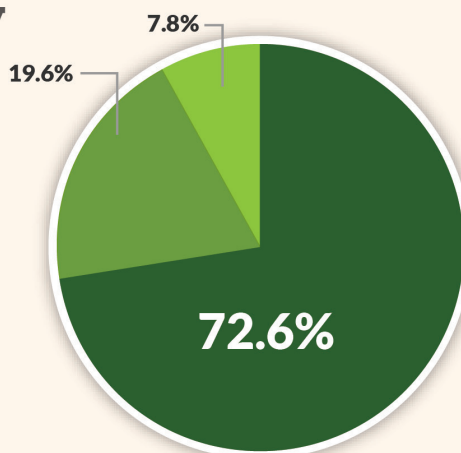


## DoD Numbers for Traumatic Brain Injury Worldwide – Army

2010

Active	13,485
Guard	3,651
Reserve	1,450

**Total - Army 18,586**



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2010, as of May 7, 2014

Service	Component	Severity	Diagnosed
Army	Active	Penetrating	152
		Severe	128
		Moderate	830
		Mild	11,460
		Not Classifiable	915
	Guard	Penetrating	36
		Severe	39
		Moderate	218
		Mild	3,100
		Not Classifiable	258
	Reserve	Penetrating	12
		Severe	17
		Moderate	103
		Mild	1,204
		Not Classifiable	114

2010 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
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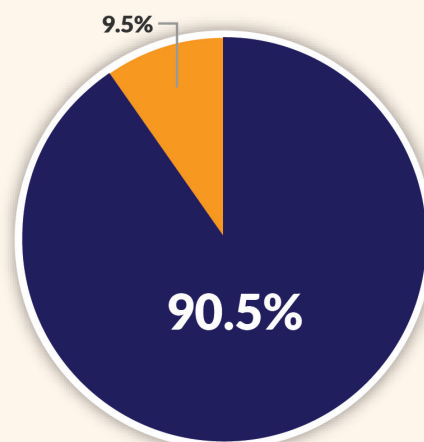
## DoD Numbers for Traumatic Brain Injury Worldwide – Navy

2010

Active	2,584
Reserve	270

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<b>Total - Navy</b>	<b>2,854</b>
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Source: Defense Medical Surveillance System (DMSS),  
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Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2010, as of May 7, 2014

Service	Component	Severity	Diagnosed
Navy	Active	Penetrating	16
		Severe	22
		Moderate	154
		Mild	2,315
		Not Classifiable	77
	Reserve	Penetrating	3
		Severe	2
		Moderate	20
		Mild	235
		Not Classifiable	10

2010 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
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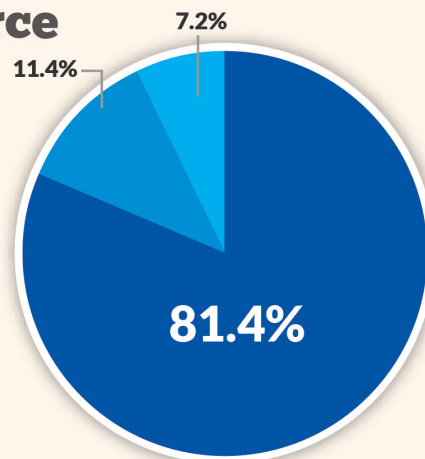


## DoD Numbers for Traumatic Brain Injury Worldwide – Air Force

2010

Active	2,768
Guard	387
Reserve	244

**Total - Air Force 3,399**



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Theater Medical Data Store (TMDS) provided by the  
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2010, as of May 7, 2014

Service	Component	Severity	Diagnosed
Air Force	Active	Penetrating	25
		Severe	13
		Moderate	178
		Mild	2,501
		Not Classifiable	51
	Guard	Penetrating	4
		Severe	1
		Moderate	27
		Mild	344
		Not Classifiable	11
	Reserve	Penetrating	4
		Severe	3
		Moderate	22
		Mild	208
		Not Classifiable	7

2010 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
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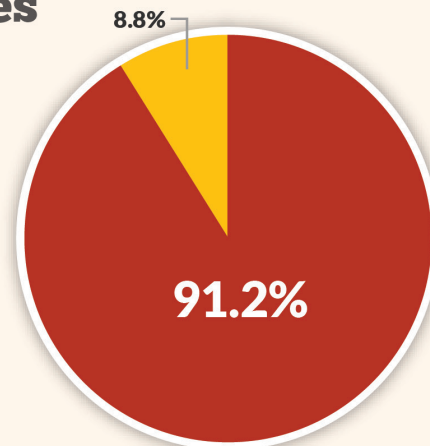
## DoD Numbers for Traumatic Brain Injury Worldwide – Marines

2010

Active	3,975
Reserve	385

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<b>Total - Marines</b>	<b>4,360</b>
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Theater Medical Data Store (TMDS) provided by the  
Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2010, as of May 7, 2014

Service	Component	Severity	Diagnosed
Marines	Active	Penetrating	44
		Severe	22
		Moderate	295
		Mild	3,471
		Not Classifiable	143
	Reserve	Penetrating	5
		Severe	5
		Moderate	39
		Mild	320
		Not Classifiable	16

2010 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

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